Electronic Acknowledgement Receipt					
EFS ID:	4557626				
Application Number:	10625363				
International Application Number:					
Confirmation Number:	8229				
Title of Invention:	GENERATION AND VALIDATION OF SHORT DIGITAL SIGNATURES WITH IMPLICIT MESSAGE EMBEDDING				
First Named Inventor/Applicant Name:	Ramarathnam Venkatesan				
Customer Number:	22801				
Filer:	Dale Mohlenhoff/Jennifer Phipps				
Filer Authorized By:	Dale Mohlenhoff				
Attorney Docket Number:	MS1-1285US				
Receipt Date:	05-JAN-2009				
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Application Type:	Utility under 35 USC 111(a)				
Payment information:					

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$1810
RAM confirmation Number	3690
Deposit Account	
Authorized User	

## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /₊zip	Pages (if appl.)
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1	GC9128.PDF	112144	yes	2	
		GC9128.PDF	65f1677a5824f1039d5844c2d06cd815020 d36ea	yes	2
	Multi	part Description/PDF files	in .zip description	•	
	Document Description		Start	End	
	Issue Fee Payment (PTO-85B)		1	1	
	Miscellaneous Incoming Letter		2	2	
Warnings:					
Information:					
2 Fee Worksheet (PTO-06)	fee-info.pdf	32127	no	2	
		9aec9443c955cd1d334a2b3386bf8d5ec11 dc8ac			
Warnings:			·		
Information:					
		Total Files Size (in byt	tes): 14	4271	

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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.